

June 2, 1953

To: Mr. J. J. Winn Jr.

From: D. M. Charleson Jr.

Subject: Monthly Progress Report - Dry Docks and Dredging Dept. May 1953

USEPA SF



1285055

Swan Island Drydocks:

Navy dock (YFD-69) was occupied 364 hours 55 minutes or 49.05% of the total time.

No. 2 drydock was occupied 241 hours 19 minutes or 32.44% of the total time.

Berthing spaces at Swan Island were in use 70.7% of the total possible foot days.

The following work was accomplished at Swan Island during the month.

1. Improved the parking area as follows:
  - (a) Filled holes with gravel & paved where necessary
  - (b) Added bumper logs using salvaged piling pulled from way end area.
  - (c) Swept and cleaned yard.

2. Installed an inclined ladder in the machine shop leading to the bridge crane.

3. The caulking of interior bulkheads of No. 2 drydock was continued and is not yet completed.

4. Continued the repair of rolling staging used by Contractors in connection with drydocking service.

5. Repaired damaged stairway to No. 2 drydock ( damaged in moving out of slip at St. Johns)

6. Installed a covered bench near taxi-cab parking area. (Note; this was done to keep the Gateman's building free of unauthorized visitors during stormy weather.)

7. Work benches were made and installed in the Carpenter shop and machine shop.

8. Service outlet covers were revised and lifting handles provided for fire service manholes on new pier.

9. A screen with a door which can be locked was installed at the compressor switchboard for safety reasons.

10. In connection with "Governors Day" May 28th. and the drydock open house May 30 and 31, the following work was done:

- (a) Build gangplank
- (b) Fabricate flagpole and install at sea wall
- (c) Moved equipment and blocking for order & appearance.
- (d) Designed and fabricated bracket to support ships propeller.
- (e) Provided guards and guides during the three open house days.

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11. Drinking fountains were installed at the gangway to each drydock (YFD-69 and No. 2)

12. Altered pick up arm to whirley crane on new pier by providing new type of rollers, in attempt to locate cause of pick up arm leaving the track. These new rollers seem to have improved the performance greatly.

13. Air compressor motors were cleaned and exciers realigned.

St. Johns Drydock:

No. 1 drydock was occupied 727 hours 59 minutes out of a possible 744 hours or 97.85% of the total time.

Berthing spaces at St. Johns were in use 6.96% of the total possible foot days.

Work at St. Johns during the month consisted almost entirely of the loading of materials such as lumber, rope, store stock, patterns and machinery on trucks for transfer to Swan Island.

Following dockings & undockings took place during the month:

<u>Docking Number</u>	<u>Date Docked</u>	<u>Names of Vessels</u>	<u>Date Undocked</u>	<u>Dock No.</u>
5385	(4/29	M/S Saipan	5/1	2
5386-276	(4/29)	S/S Sea Gale	5/1	N
5387	(4/30)	USS LST 1142	5/12	1
5388	5/4	Tug Leland James	5/4	2
5389-277	5/4	S/S Romulus	5/5	N
5390	5/6	Tug Peter W	5/9	2
5391	5/10	S/S Oregon Mail	5/11	2
5392-278	5/11	Dredge Biddle	5/16	N
5393	5/12	USS LST 824	5/20	1
5394	5/14	S/S Permanente Silverbow	5/15	2
5395	5/18	Tug Winquatt	5/18	2
<del>5396</del>	<del>5/18</del>	<del>S/S American Robin</del>	<del>5/20</del>	
5396	5/18	Tug Knappton	5/18	2
5397-279	5/19	S/S American Robin	5/20	N
5398	5/20	USS LST 689	5/28	1
5399	5/21	Tug Quenett	5/22	2
5400-280	5/22	S/S Arizona	5/23	N
5401-281	5/25	S/S George Luckenbach		N
5402	5/28	S/S Ruby Star	5/29	2
5403	5/28	Pilot Ship Columbia		1
5404	5/30	S/S John Weyerhaeuser		2

All 3 drydocks were occupied at end of month.

*All reported dockings filled  
(9.7)*

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Dredging Operations:

The Dredge "Clackamas" operated in the Willamette river during the month; starting May 4th. at the Union Pacific Dock, the dredge worked upstream, dredging the dock fronts at the Union Pacific and at Albina dock. The material from these dock fronts as well as the relay dump near Albina dock was pumped to another relay point between Quaker Oats Dock and The Northwest Grain Dock.

On May 18th. the "Clackamas" moved back to pick up the relay dump near Quaker Oats and pump it to Mocks Bottom. This dredging was virtually completed at the end of the month.

Summary - Month of May - Portland Harbor- Swan Island to Broadway Bridge

Total yardage dug this month -	468, 105 c.y.
Total digging hours	361
Cu. Yds. per dredging hour	1,290
Total costs to U. S. Engineers	\$57,000.00 (approx.)
Cost per cu. yd. this month	12.2¢
Average dredging hours per day	15 hrs.

Steamer Portland

Port's mechanics have been fabricating tank heating coils to U.S.C.G. specifications. Coils will be installed when "Portland" is available.

D. M. Charleson, Jr.

Marine Supt.

